## **Dropsonde Scientist**

Flight ID <u>2</u>	Mission ID 1809 A Harvey										
AVAPS Op	Scientists B. Klotz  Derators McAlister										
patterns for illustrated o problems, e sole HRD	ad Project Scientist (LPS) on the P3 is responsible for determining the distribution of dropwindsonde releases. Predetermined desired data collection patterns are in the flight patterns. However, these patterns are often altered because of clearance to. Operational procedures are contained in the operator's manual. On the G-IV the person is designated the LPS. The following list contains more general ary procedures to be followed. (Check off or initial.)										
Preflight											
1.	Determine the status of the AVAPS and HAPS or workstation. Report results to the LPS.										
2.	Confirm the mission and pattern selection with the LPS and assure that enough dropsondes are on board the aircraft.										
3.	Modify the flight pattern or drop locations if requested by AOC to accommodate changes in storm location or closeness to land.										
4.	Complete the appropriate preflight set-up and checklists.										
In-Flight											
<u> </u>	Operate the system as specified in the operator's manual.										
	Ensure the AOC flight director is aware of upcoming drops.										
3.	Ensure the AVAPS operator has determined that the dropsonde is (or is not) transmitting a good signal. Recommend if a backup dropsonde should be launched in case of failure.										
4.	Report the transmission of each drop and fill in the Dropwindsonde Scientist Log.										
Post flight											
1.	Complete Dropwindsonde Scientist Log.										
2. 2.	Download all raw and processed AVAPS files to thumbdrive										
2.	Brief the LPS on equipment status and turn in completed forms and thumbdrive.										
<u> </u>	Debrief at the base of operations.										
5.	Determine the status of future missions and notify MGOC as to where you can be contacted.										

## N42/3RF HRD GPS Dropwindsonde Scientist Log (Revised 5/2002)

N42/3RF HRD GPS Dropwindsonde Scientist Log (Revised 5/2002)													
Storm	turricane there	Dropwine	dsonde S	cientist	.s_ B. K	lotz					Page _	1_of 1	
Flight ID 20170825H2 Flight Director Mike Holmes Takeoff from Lakeland at 1401 UTC													
Mission ID 1809 A AVAPS Operators McAliSter Recovery at Lakeland at 2317 UTC													
Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	wind closest to surface dir/spd hgt		BT SST (°C)	Eye, Eyewall, Rainband (direction)	Comments		Ob #	
1	<b>叶32555</b> 35	1630H	28,27	46,14	Biograph (1994) 1997 - 1997   1998	N. Spender, and an organization of the second	一年後十二年十二年 日本工作の日本日			y zakpi	et (N E etber	.) 02	
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6	160625060	171805	25.47	96,25	1004.4	249,16.6	10	30.1		endpoint	(5) - BTerro	( saw 07	
7	16067589	174839			1605,5	42,483	12	29,8		endpoint	(F)	09	
8	144635054	1814 00	26.99	-96.27	960.1					Maxwind	(ESE)	10	
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10	143215075	181854	27.15	-96,51	459,8	319,44	12	BY		maxwin	(w), 4/81	- 13	
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12	160215006	185701	27,07	-96,34	955.7	211,42	10			maxwind		15	V
13	142615121	190126	21 35	-9C.19	963-1	84,46	12			mexwil	(EHE)	16	
14	140145157	191429	21.48	-96.35	961.2	44,37	10			maknind	- not surgo	f -> et 10	m levels low fall
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16	142835052	192335	27.45	-96.32	960.3		-			maxwind	(N)	18	- Cocceeded KBMP
117	14 22 113	<b>24433</b>	刀,纠	-91.737	<b>1153</b> 6	49,51	10			mound	(NE)	19	40000
18	142615018	206922	. 27.41	-96.1	3963.	4	1-			maxwin	d (G) ->-	early launch	-didn't
19	141235003	20272	7 27.59	6 -96.3	36 955.	168,01	10			moxwind	(ME)	20	61 pt 6
50	141225059	20372	1 27.6	2-764	2 957,5	6	1			maxwind	(NE)	21	